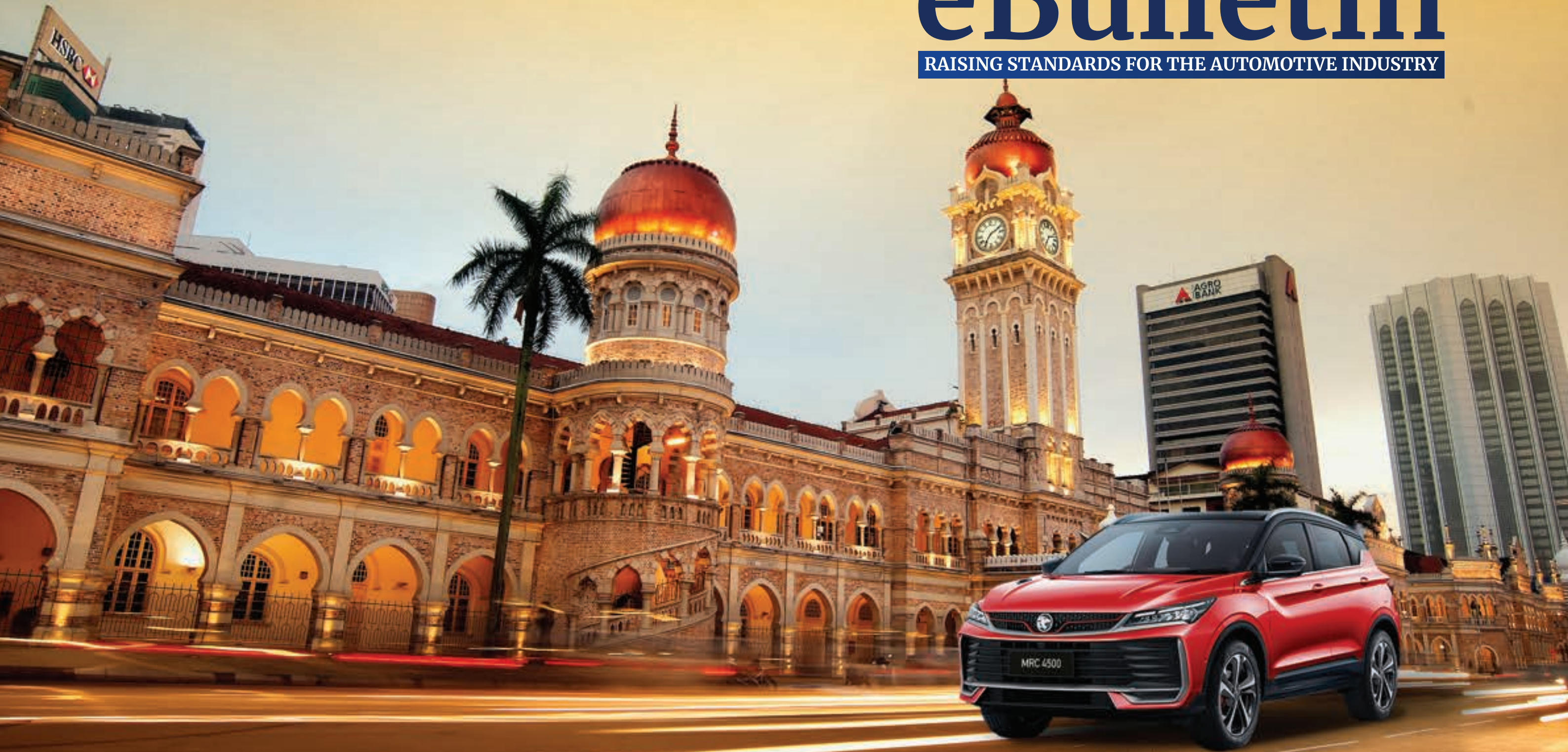


# M R C T E C H N I C A L eBulletin

RAISING STANDARDS FOR THE AUTOMOTIVE INDUSTRY



**PRE-ACCIDENT  
VALUE REPORT**

**IBIS GLOBAL  
SUMMIT 2025**

**ANCHOR V  
RESEARCH**

Thank you for reading this MRC Technical eBulletin issue #01/2025/011. If you have any questions regarding the content, or suggestion for improvement, please contact MRC Malaysia via

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ISSUE #01/2025/011





**Steve Miller**  
Chief Executive Officer, MRC Malaysia

# Introduction



In this edition, we bring you an overview of recent developments at MRC Malaysia. The Database Releases at a Glance section provides a quick summary of the latest MRC database updates. In MVI Fact Sheet section, we highlight new vehicle information for the Proton eMAS 7 2024, Jaecoo J7 PHEV 2025, BMW 5 Series 2024 & 2025, and XPeng X9 2025. Meanwhile, the recalls section highlights key safety recalls, including issues related to the Electric Power Steering (EPS) gearbox and fuel pump from Honda, as well as other important updates from various vehicle manufacturers.

We also share highlights the launch of the Pre-Accident Value (PAV) Report, the MRC Annual Industry Awards 2024, and our participation in the IBIS Global Summit 2025 in Istanbul, Türkiye. In learning & development news section, you will find updates on both local and international training programs organised by MRC Malaysia. The research news section covers our latest studies, including the 'Effect of ADAS Technology on Claims Frequency' and the ongoing ANCHOR V Research.

In conjunction with Malaysia's 68th Independence Day celebration, we extend our heartfelt wishes to all Malaysians. With the theme, "Malaysia MADANI: Rakyat Disantuni", may we continue to strengthen unity, foster empathy, and build a progressive and inclusive nation for all.





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# Database Release at a Glance

MARCH 2025

New Vehicle Released



8

MODELS

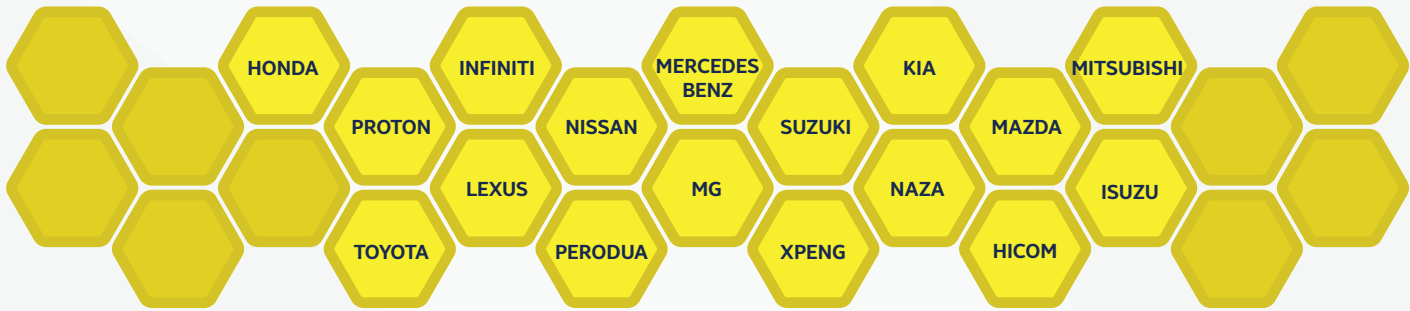
16

DERIVATIVES

9,714

TOTAL LINE ITEM ATTACHED

Manufacturer's Price Updates



17

TOTAL VEHICLE MANUFACTURERS

133,033

TOTAL PARTS PRICE CHANGES

12,991

TOTAL NEW PARTS

13,032

TOTAL SUPERSESSION

# Database Release at a Glance

APRIL 2025

New Vehicle Released



6

MODELS

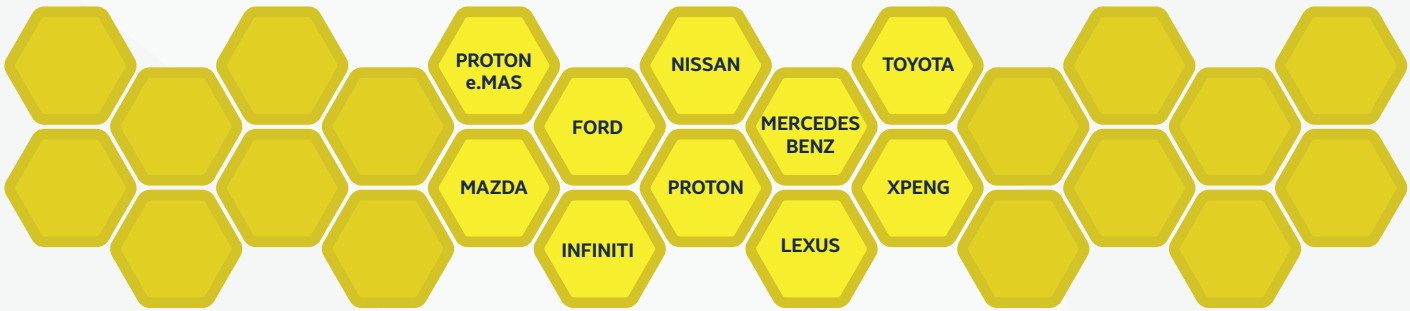
13

DERIVATIVES

7,887

TOTAL LINE ITEM ATTACHED

Manufacturer's Price Updates



10

TOTAL VEHICLE MANUFACTURERS

7,407

TOTAL PARTS PRICE CHANGES

2,033

TOTAL NEW PARTS

12,225

TOTAL SUPERSESSION

# Database Release at a Glance

MAY 2025

New Vehicle Released



8

MODELS

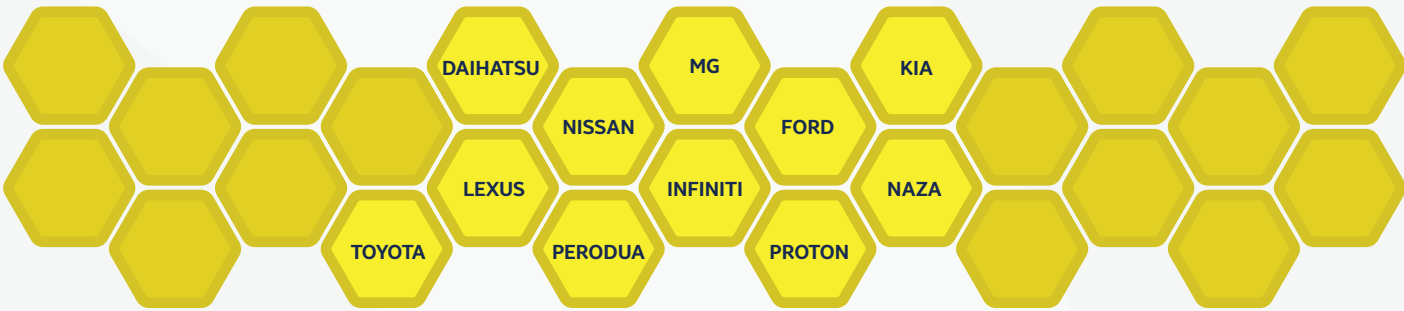
16

DERIVATIVES

11,202

TOTAL LINE ITEM ATTACHED

Manufacturer's Price Updates



11

TOTAL VEHICLE MANUFACTURERS

2,143

TOTAL PARTS PRICE CHANGES

4,321

TOTAL NEW PARTS

16,795

TOTAL SUPERSESSION

# Database Release at a Glance

JUNE 2025

New Vehicle Released



5

MODELS

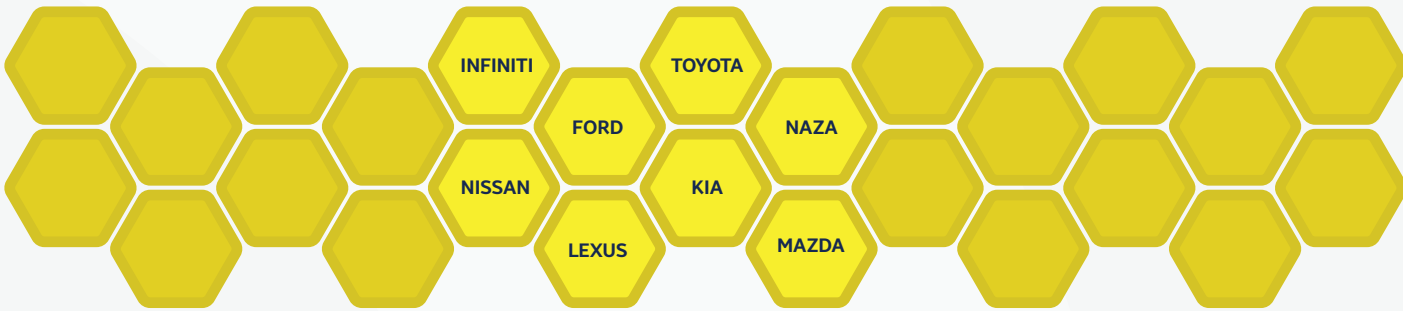
8

DERIVATIVES

5,296

TOTAL LINE ITEM ATTACHED

Manufacturer's Price Updates



8

TOTAL VEHICLE MANUFACTURERS

40,306

TOTAL PARTS PRICE CHANGES

1,568

TOTAL NEW PARTS

11,918

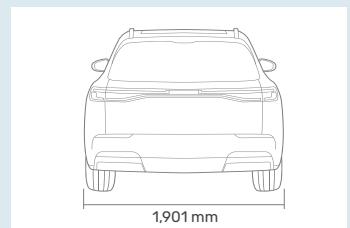
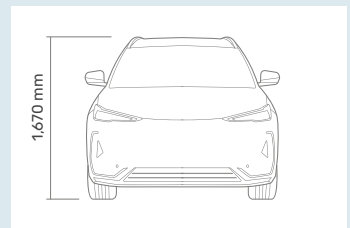
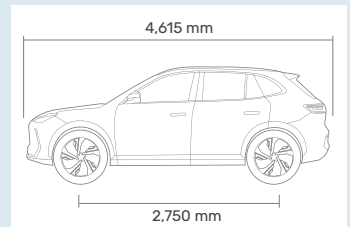
TOTAL SUPERSESSION



### VEHICLE

Manufacturer : Proton e.MAS  
 Model : e.MAS 7  
 Year : 2024 On  
 MVI Code : EM001 & EM002  
 MRC Times : TC031  
 Version : MVI251101\_R1

### DIMENSION



### CRASH SAFETY RATING



Overall Score  
**92.57**



### VEHICLE SPECIFICATIONS

Variant	Prime	Premium
Price	RM 109,800	RM 123,800
Battery Type	Lithium Iron Phosphate	
Battery Capacity	49.52 kWh	60.22 kWh
Motor Power	215 hp	
Motor Torque	320 Nm	
EV Range	345 km	410 km
MVI Code	EM001	EM002
TTS Code	TC031	

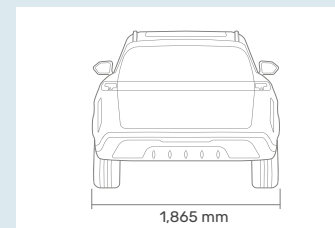
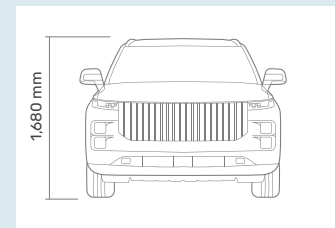
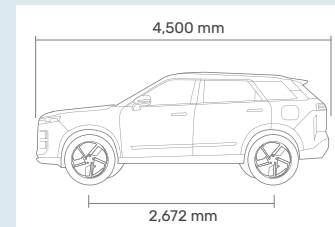
### VEHICLE FEATURES

<b>0-100km/h</b> 6.9 SECOND ALL VARIANTS	<b>AEB</b> AUTONOMOUS EMERGENCY BRAKING ALL VARIANTS	<b>LKA</b> LANE-KEEPING ASSIST ALL VARIANTS	<b>FCW</b> FORWARD COLLISION WARNING ALL VARIANTS	<b>BSD</b> BLIND SPOT DETECTION ALL VARIANTS
<b>ACC</b> ADAPTIVE CRUISE CONTROL ALL VARIANTS	<b>RTA</b> REAR TRAFFIC ALERT ALL VARIANTS	<b>VSC</b> VEHICLE STABILITY CONTROL ALL VARIANTS	<b>RCW</b> REAR COLLISION WARNING ALL VARIANTS	<b>DOW</b> DOOR OPEN WARNING ALL VARIANTS
<b>HUDs</b> HEAD-UP DISPLAY PREMIUM ONLY	<b>SRS AIRBAGS</b> ALL VARIANTS	<b>PANORAMIC SUNROOF</b> PREMIUM ONLY	<b>360°</b> 360-DEGREE CAMERA ALL VARIANTS	<b>HEADREST SPEAKER</b> PREMIUM ONLY

### VEHICLE

Manufacturer : Jaecoo  
 Model : J7 PHEV  
 Year : 2025 On  
 MVI Code : JA006  
 MRC Times : TC031  
 Version : MVI251101\_R1

### DIMENSION



### CRASH SAFETY RATING

ASEAN NCAP  
**NOT TESTED**

### OTHER NCAP



### VEHICLE SPECIFICATIONS

Variant	2WD SHS
Price	RM 158,800
Engine	16-valve DOHC with Turbocharger, Variable Valve Timing with Plug-in Hybrid Assistance
Capacity	1,498 cc
Power	347 hp
Torque	525 Nm
Transmission Type	Single Ratio Automatic
MVI Code	JA006
TTS Code	TC031

### VEHICLE FEATURES

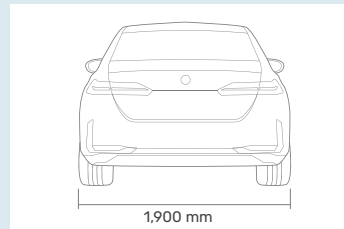
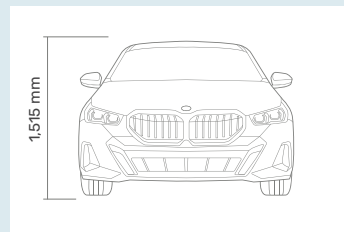
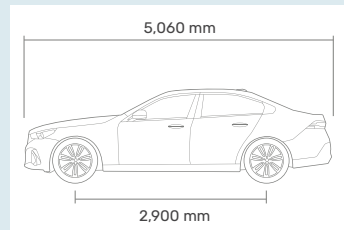
<b>SRS AIRBAGS</b>	<b>AEB</b> AUTONOMOUS EMERGENCY BRAKING	<b>LKA</b> LANE-KEEPING ASSIST	<b>ESA</b> EVASIVE STEERING ASSIST	<b>BSD</b> BLIND SPOT DETECTION
<b>ACC</b> ADAPTIVE CRUISE CONTROL	<b>CSA</b> CURVE SPEED ASSISTANT	<b>FCW</b> FORWARD COLLISION WARNING	<b>RCW</b> REAR COLLISION WARNING	<b>360°</b> 360-DEGREE CAMERA
<b>TJA</b> TRAFFIC JAM ASSIST	<b>DMS</b> DRIVER MONITORING SYSTEM	<b>SPEED LIMIT REMINDER</b>	<b>PANORAMIC SUNROOF</b>	<b>SMARTPHONE INTEGRATION</b>



### VEHICLE

Manufacturer : BMW  
 Model : 5 Series  
 Year : 2024 & 2025  
 MVI Code : BM207, BM208 & BM209  
 MRC Times : BM131  
 Version : MVI251101\_R1

### DIMENSION



### CRASH SAFETY RATING

ASEAN NCAP  
NOT TESTED

OTHER NCAP



### VEHICLE SPECIFICATIONS

Variant	520i 2024	520i M Sport 2024	530i M Sport 2025
Price	RM 332,800	RM 349,800	RM 399,800
Engine	16-valve DOHC direct injection with twin-scroll turbocharger, variable valve timing and mild hybrid assistance		
Capacity	1,998 cc		
Power	208 hp	208 hp	258 hp
Torque	330 Nm	330 Nm	400 Nm
Transmission Type	Conventional Automatic		
MVI Code	BM207	BM208	BM209
TTS Code	BM131		

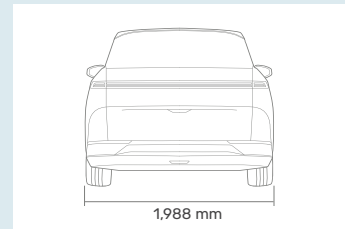
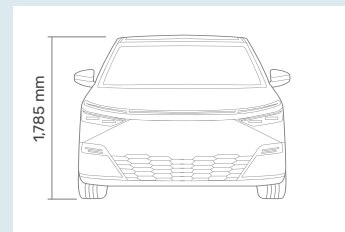
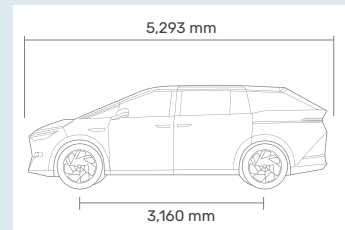
### VEHICLE FEATURES



### VEHICLE

Manufacturer : XPeng  
 Model : X9  
 Year : 2025 On  
 MVI Code : XP003, XP004 & XP005  
 MRC Times : TC047  
 Version : MVI251101\_R1

### DIMENSION



### CRASH SAFETY RATING

ASEAN NCAP  
NOT TESTED

OTHER NCAP



### VEHICLE SPECIFICATIONS

Variant	Standard Range Pro	Long Range Pro	Long Range Pro Plus
Price	RM 270,708	RM 288,708	RM 300,708
Battery Type	Lithium-ion Phosphate (LFP)	Nickel Manganese Cobalt (NMC)	
Battery Capacity	84.5 kWh	101.5 kWh	
Motor Power	315 hp		
Motor Torque	450 Nm		
EV Range	500 km	590 km	
MVI Code	XP003	XP004	XP005
TTS Code	TC047		

### VEHICLE FEATURES







Honda Malaysia Announces Vehicle Recalls for Multiple Models

Honda Malaysia has announced a series of recalls for various models since end of 2024 to the middle of 2025, focusing on noise issues and safety concerns related to vehicle components. These recalls target two key areas such as the Electric Power Steering (EPS) gearbox and the fuel pump. This article provides an overview of each recall and its significance for Honda vehicle owners in Malaysia.

Electric Power Steering (EPS) Gearbox

Honda Malaysia has announced a proactive recall involving approximately 36,000 units across several models, including the Civic, Civic Type R, and CR-V. The recall aims to address a potential defect in the Electric Power Steering (EPS) gearbox, which may cause unusual steering noise or stiffness due to swelling in the worn wheel. This swelling can reduce the grease film thickness, leading to premature wear. To resolve the issue, Honda Malaysia will replace the affected EPS gearboxes with upgraded units. The models involved include the Civic (2022–2024), Civic

Type R (2023–2024), and CR-V (2024). Replacement stock will be available in stages starting from December 2024.

Fuel Pump

Honda Malaysia has also issued a safety recall involving 87,490 vehicles across multiple models due to fuel pump-related issues. In an official statement, the company identified two different issues affecting the fuel pumps in the recalled vehicles. This recall is part of a global issue involving Denso-manufactured fuel pumps, which has impacted more than 4 million vehicles across multiple brands worldwide.

As of today, there are no incidences of crashes or injuries caused by these issues reported in Malaysia. The first issue relates to the fuel pump impeller, which may swell after prolonged fuel immersion that can result in the vehicle failing to start or stalling while driving. This issue affects 84,073 units of the Jazz, City, Civic, Accord, BR-V, HR-V and CR-V and Odyssey of varying model years, which are listed as follows:

Affected Models for Fuel Pump Recall	Year Make
Jazz	2015-2020
Jazz (Hybrid)	2018
City	2014-2019
City (Hybrid)	2018-2019
Civic	2017-2018
Accord	2013-2017
BR-V	2017-2018
HR-V	2015-2018
CR-V	2018-2020
Odyssey	2017-2019

Meanwhile, the second issue involves the high-pressure fuel pump in affected vehicles, which may develop cracks due to prolonged use and excessive stress. According to the company, this could potentially result in a fuel leak or cause a noticeable fuel odour while driving or idling. This issue affects 3,417 units of newer Honda models, specifically the Honda Civic (2023–2024) and the Honda CR-V (2024).

Honda Malaysia has confirmed that all current production and on-sale models are not affected by this recall campaign. “The company believes this product recall is necessary, as customer safety is Honda Malaysia’s top priority. We will continue to take proactive measures, and uphold transparency and stringent controls to ensure the safety of our customers. As such, Honda Malaysia is extending the recall to include models that are no longer under warranty,” the company said in its official statement.



Affected customers will receive official notification letters with further instructions. Inspections and any necessary repairs or part replacements will be carried out free of charge at any authorised Honda service centre. Vehicle owners can also obtain more information or check their vehicle’s recall status by calling the Honda Malaysia Customer Careline, visiting the official Honda website, or contacting any authorised Honda dealer at their earliest convenience.

Recalls Highlight

The Road Transport Department (JPJ) has issued a statement regarding recalls involving more than 41,000 vehicles across five passenger car brands in Malaysia. This includes Honda Malaysia’s recall for the Electric Power Steering (EPS) gearbox, which was announced in November 2024. The other affected vehicles are as follows:

- Kia**
- Sorento XM (2011-2015)(1,384 units) – Affected by damaged engine connecting rod bearings.
  - Sorento XM (2010-2014)(2,861 units) - Potential risk of an electrical short circuit in the Hydraulic Electronic Control Unit.

- Ford**
- Everest 2.0L Titanium 4WD AT (2022-2024) (8 units) – Faulty e-shifter transmission selector, which may drain the vehicle’s battery while driving.
  - Everest (2022-2024) - Faulty Anti-Pinch Mechanism affecting the following variants:
    - Sport 2WD AT 2.0L (44 units)
    - Titanium 4WD AT 2.1L (214 units)
    - Trend 4WD AT 2.0L (12 units)
    - Wildtrak 4WD AT 2.0L (12 units)

- Audi**
- e-tron GT (2022-2024)(48 units), RS e-tron GT (49 units) – Cracked brake hoses on the front axle.
  - e-tron GT (2022-2023)(32 units), RS e-tron GT (39 units) – Abnormalities in high-voltage battery modules.

- Mercedes-Benz**
- Mercedes-Benz S580e (2022-2023)(9 units) – Faulty lambda control within the engine control unit (ECU).
  - Mercedes-Benz AMG E53 (2021-2022)(3 units), CLS53 (4 units), GT43 (1 unit), GT53 (1 unit) – Improperly manufactured electrical connectors in the transmission wiring circuit.







## Genesis Pre-Accident Value Report (PAV) and MRC Annual Industry Awards 2024

MRC Malaysia hosted the Annual Insurance Industry Award 2024 along with the launch of Genesis PAV Report which took place at the Impiana KLCC Hotel, Kuala Lumpur on April 16, 2025. The event brought together key industry players including insurers, loss adjusters, takaful operators, software houses and relevant industry players. The event also recognised organisations for their contributions to the industry and highlighted key findings from the launch of Genesis PAV Report. It was a valuable occasion for networking, learning and celebrating industry achievements.

During the event, MRC CEO, Steve Miller shared a comprehensive overview of accident claims data from 2018 to 2024 in Malaysia. His presentation included key statistics such as the number of claims (OD & OD-KFK), total claims amounts by franchise and non-franchise workshops, repairer trends, average cost per claim, and the total approved amount for 2024 by claims cost category.

In addition, MRC Malaysia introduced its Database Enhancement Projects for 2025, which aim to further support the industry with more accurate and updated data. Key initiatives include New Vehicle Research and

Replace Times, Paint Material Costs, Alternative Parts Price Database, Vehicle Market Data Report, Damaged Panel Repair Times and Motorcycle Database. These enhancements are designed to improve the accuracy, fairness, and efficiency of vehicle assessments and claims handling across the industry.



A major highlight of the event was the official launch of the Pre-Accident Valuation (PAV) service, an initiative by MRC Malaysia in collaboration with AutoGrab Sdn. Bhd. Represented by MRC CEO, Steve Miller, and AutoGrab CEO & Founder, Chris Gardner, the partnership aims to provide a reliable valuation of a vehicle's fair market value before it is involved in an accident. This valuation is crucial for insurance claims, legal settlements, and assessing the resale or repair value of a vehicle. The PAV report, which also includes detailed insights into a used car's condition, promotes transparency, helps buyers make informed decisions, and fosters trust between buyers and sellers.

In this event, outstanding industry achievements were also celebrated through the MRC Annual Insurance Industry Awards 2024. The awards were presented by MRC Malaysia CEO, Steve Miller, accompanied by MRC Malaysia COO, Suzana Mohamad.

The recipients were Chubb Insurance Malaysia Berhad for the Fastest Average Approval Time for Insurance Claims 2024, Etiqa General Takaful Berhad for the Fastest Average Approval Time for Takaful Claims 2024 and The Most Accurate Average Estimate to Claims Approval Amount in 2024, Takaful Ikhlas General Berhad for The Most Improved Average Claims 2024, Century Independent Loss Adjusters



Sdn Bhd for The Most Supportive Loss Adjuster on MRC Training 2024, and Mr. Benildus Saw Lip Kong for Excellence in Training Support (Loss Adjusting) 2024.

Overall, the event was successful and served as a meaningful platform for collaboration, data-driven insights, and industry recognition. It is a significant occasion centered around the intersection of the automotive and insurance industries. The event also underscores the importance of partnership and a shared vision for fostering innovation and progress in both the automotive and insurance fields.







## MRC Malaysia at IBIS Global Summit 2025, Istanbul, Türkiye.

MRC Malaysia proudly participated in the IBIS Global Summit 2025, held from 24 to 26 June 2025 at the iconic Swissôtel The Bosphorus in Istanbul, Türkiye. As one of the most prestigious events in the global collision repair calendar, this year's summit was anchored around the theme "Shaping the Future: Leadership Through Collaboration", bringing together industry leaders, forward-thinkers, and decision-makers from across the world.

The summit served as a strategic platform to discuss emerging trends, challenges, and opportunities within the global collision repair ecosystem. Key topics included digital transformation, sustainable practices, workforce development, and the future of vehicle repair in an increasingly connected and tech-driven environment.

As the official ASEAN partner of IBIS, MRC Malaysia's participation reaffirmed its commitment to aligning Southeast Asia's automotive repair sector with global standards. The summit offered a unique opportunity for MRC to engage in high-level dialogue, exchange knowledge, and strengthen

regional and international partnerships with insurers, OEMs, technology providers, and repair professionals.

Beyond keynote presentations and expert panel discussions, the event also provided an invaluable networking platform. Stakeholders across the value chain convened to share experiences and explore innovative solutions that could reshape the industry.



## A Continuing Global Journey

The IBIS Global Summit is recognised for its role in driving collaboration and strategic vision within the industry. Building on the success of the 2024 summit in Rhodes, Greece which focused on "Transforming, Tomorrow, Together," the 2025 edition in Istanbul pushed the conversation forward with a renewed emphasis on leadership and collective action.



MRC's engagement at the summit also included exploring opportunities to localise global insights for ASEAN markets, with the aim of advancing training, standardisation, and innovation across the region. This participation underscores MRC's mission to elevate industry standards, foster sustainable growth, and support a future-ready collision repair sector in Southeast Asia.



As the automotive landscape continues to evolve, MRC Malaysia remains committed to contributing actively to global dialogues and ensuring the region is equipped to meet the challenges and opportunities of tomorrow.

## MRC Website Search Function by Vehicle Manufacturers



In August 2025, MRC Malaysia launched a new Website Search Function by Vehicle Manufacturers, which is now live and ready to be used. This user-friendly tool helps users find information about different vehicle brands and models listed in the MRC database. By searching based on specific manufacturers, users can easily access important details such as available models and the latest parts price updates. This feature is especially useful for those who need quick and reliable information for work or research.

The search function is built into the official MRC Malaysia website at [www.mrc.com.my](http://www.mrc.com.my), or it can be accessed directly using the QR code below:



The search function includes simple filters such as vehicle type and brand of passenger car, LCV, or motorcycle. With its clean design and easy navigation, it allows users to find the right information faster and more efficiently. This new feature shows MRC's commitment to improving access to automotive data and supporting the needs of the industry. We invite all users to try out the new function today.



# ... MRC Learning & Development News



Building on the momentum of last year's international success, MRC Malaysia continues to drive innovation in automotive training and skills development. In March 2024, we proudly organised an international training program in China, bringing together professionals from academia, insurance, and repair sectors. The positive response has inspired a new wave of high-impact programs for 2025.

## EV Enhancement Training in China

This year, MRC Malaysia will host the Enhancement Training Course for Electric Vehicles (EV) at the Chongqing Vocational Skills Public Training Center, co-managed by leading EV manufacturer Chang'an Automobile. Tailored for EV industry professionals, the course offers a comprehensive blend of practical training and industry insights. Key modules include EV fundamentals, battery and motor systems, fault diagnosis, and safety procedures. Upon completion, participants will receive four certificates endorsed by the China Ministry of Transport.



## Automotive Body & Paint Operations Management

Launched in 2024, this program equips workshop managers with essential skills to run Body & Paint operations efficiently. Its primary goal is to ensure the workshop operates productively by maintaining excellent facility conditions and complying with all government regulations. Key skills covered include optimizing efficiency to reduce material and labour waste, as well as identifying the root causes of problems to prevent profit loss.

## Sijil Kemahiran Malaysia (SKM)

Sijil Kemahiran Malaysia (SKM) is a nationally recognized certification that provides a significant opportunity for individuals in the Malaysian automotive sector. This program serves a dual purpose: it offers a structured pathway for newcomers to acquire fundamental skills while also allowing experienced technicians to formalize their on-the-job expertise. By obtaining this official certification, professionals can gain the formal recognition they deserve, which enhances their career prospects and credibility within the industry.



## IMI International ADAS L1 & L2:

The IMI International Award in ADAS Awareness Level 1, is designed for non-technical personnel, such as managers, sales staff, and assessors to equip them with essential knowledge on ADAS types, safety precautions, and the impact of damage. This course is also highly suitable for insurance companies and adjusters firms. The Award in ADAS Calibration Level 2, designed for technical roles such as maintenance and repair technicians, equipping them with the in-depth knowledge and practical skills to safely diagnose, repair, and accurately calibrate ADAS sensors and systems according to manufacturer specifications and industry best practices.



## IMI International EV L4 Award in the Diagnosis, Testing and Repair of Electric/Hybrid Vehicles and Components

Having successfully trained professionals through IMI International EV Levels 1, 2, and 3 over the last two years, we are now offering the IMI International EV Level 4 qualification. This course is specifically designed for experienced technicians who wish to gain expertise in performing complex diagnostics and repairs on the high-voltage systems of electric and hybrid vehicles.



# ... MRC Research News



## Effect of ADAS Technology in Claim Frequency Reduction

MRC Malaysia continues to reinforce its commitment to global automotive safety and innovation through its participation in the upcoming RCAR 2025 Annual Conference in Milan, Italy. Jointly organised by the RCAR and Generali Jeniot S.p.A, this prestigious event serves as a global platform for knowledge exchange on advancements in vehicle safety and repair technologies.

MRC Malaysia will be represented by its Chief Automotive Technologies Officer, Mr Hairul Abdul Majid, who will present a research paper titled "Effect of ADAS Technology on Claim Frequency Reduction." His presentation reflects MRC's dedication to understanding the growing role of Advanced Driver-Assistance Systems (ADAS) in enhancing road safety and influencing insurance trends.

The study explores the real-world impact of ADAS on motor insurance claims in Malaysia. ADAS technologies such as automatic emergency braking, lane departure warning, and adaptive cruise control are designed to assist drivers, reduce human error, and minimise risk of accidents.

The key objectives of this study include:

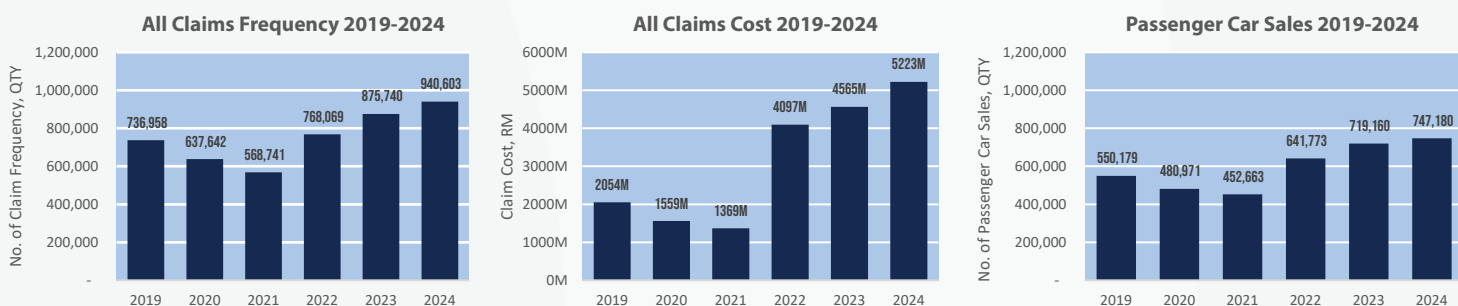
- To define and classify vehicle models equipped with ADAS technology in Malaysia, and quantify their presence in claim frequency.
- To compare accident trends between the same vehicle model with and without ADAS in the Malaysian market.
- To analyse and compare claims cost between vehicles equipped with ADAS and those without ADAS.

The analysis is based on two data sources:

- Claims data from MRC's Integrated Claims and Automotive Portal (iCAP), particularly for 2024 claims involving new vehicles registered in 2023.
- Car parc and sales data from the Malaysian Automotive Association (MAA) and directly from vehicle manufacturers, detailing ADAS-equipped and non-ADAS vehicles.

The research hypothesis is that an increased presence of ADAS-equipped vehicles correlates with a reduction in accident claim frequency. However, it may contribute to a potential rise in the average cost per claim due to the complex and high-cost components associated with ADAS-equipped vehicles.

Initial findings suggest that ADAS contributes significantly to reducing collision frequency, though it brings a new challenge of higher repair costs. As ADAS adoption increases, MRC Malaysia remains committed to supporting the automotive ecosystem with evidence-based insights. The full study will be published following the RCAR 2025 conference, further advancing the global conversation on road safety and repair economics.



## ANCHOR V Research

MRC Malaysia is proud to continue its collaboration with Universiti Teknikal Malaysia Melaka (UTeM) on an important project aimed at enhancing vehicle safety across Southeast Asia. This initiative is part of a regional research program known as ANCHOR V, led by the ASEAN New Car Assessment Program (ASEAN NCAP), which sets safety standards for vehicles sold in the region.

Through this collaboration, the research team is contributing significantly to the advancement of occupant protection benchmarks under the ASEAN NCAP Roadmap 2026–2030.

One of the main areas of focus in this partnership is the evaluation of critical locations in ASEAN NCAP Side Impact Tests, specifically the R-point, using Malaysia accident statistical data. This research is intended to provide valuable insights that reinforce Adult Occupant Protection (AOP) measures throughout Southeast Asia, while informing future iterations of crash test protocols through evidence-based findings.

At the same time, the research team is undertaking a second ANCHOR V research involves evaluating frontal impact test parameters, with a particular focus on real-world accident data concerning overlap offset measurements. Similar to the side impact study, this initiative uses actual accident data to assess crash dynamics and improve the relevance and accuracy of test locations.



On 1 July 2025, the research team attended a progress meeting for the ANCHOR V project at the

Faculty of Mechanical Engineering Technology (FTKM), UTeM Technology Campus in Melaka. The meeting served as a key milestone to review current developments and align strategies for the next phase. Discussions included the handover of related findings and preparations for engagement with seven selected insurance companies, aimed at fostering data-sharing partnerships that will further enhance the scope and depth of the study.



In addition, the research team participated in the ANCHOR V progress meeting, which was held from 29 to 30 July 2025 at the Ho Chi Minh City University of Technology in Vietnam. This conference served as a good platform for researchers, academics, and industry professionals to share knowledge, explore advanced crash test methodologies, and strengthen regional collaboration in automotive safety research. During the event, the team also presented progress updates on the two ongoing ANCHOR V research papers.

The continued involvement of MRC Malaysia in these critical initiatives underscores Malaysia's leadership in automotive safety research and its unwavering commitment to improving road safety outcomes across ASEAN. By carrying out comprehensive, data-driven studies and collaborating across borders, MRC Malaysia remains dedicated to creating a safer future for all road users.